Mountain Weather Forecast

Peak District National Park

Forecast valid from 06:00 on Wednesday 07 Jul 2021 until 23:59 on Thursday 08 Jul 2021

Forecast Issued on Wednesday 07 Jul 2021 at 01:05

Confidence: High confidence in the showery main theme, but low for rainfall detail throughout. Showers likely to be fewer and lighter later in the working week, but probably re-intensifying into the weekend.

Headline for Wednesday 07 Jul 2021: Early extensive cloud clearing to sunny intervals but, increasingly, a risk of heavy and perhaps thundery showers.

Mountain weather hazards on Wednesday 07 Jul 2021

Blizzards No Likelihood	**Heavy Snow** No Likelihood	**Storm force winds** No Likelihood
Gales No Likelihood	**Severe chill effect** No Likelihood	**Poor visibility** Low Likelihood
Thunderstorms Low Likelihood	**Heavy persistent rain** Low Likelihood	**Strong sunlight** Medium Likelihood

Weather and chance of precipitation at 600m					
Time					
06:00	09:00	12:00	15:00	18:00	21:00
Fog	Light rain	Light rain showers	Heavy rain showers	Heavy rain showers	Sunny intervals
Precipitation probability					
20%	40%	40%	50%	40%	10%

Forecast for Wednesday 07 Jul 2021

Weather: Extensive low cloud is expected at first, with this likely to produce some light rain at times, especially on west-facing ground. This should lift and break quite readily after sunrise, with some sunny intervals from mid-morning in places. These should in turn spark increasingly heavy showers, with some slow-moving and potentially thundery with hail later in the day. Conditions probably improving into the evening, although probably too late for much in the way of late sunshine.

Chance of cloud free mountain/hill tops above 600m: Near-nil at first, with extensive cloud above 400 metres, but improving to 80% before midday as this lifts clear and develops breaks. Some further deteriorations possible locally in heavy showers.

Visibility: Poor at first but improving during the morning to very good, but with significant local deteriorations possible in showers.

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Forecast for Wednesday 07 Jul 2021

Height (m)	Wind Speed mean/gusts (mph) Wind Direction (blowing from)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	15/19 SW	13/18 SW	10/15 SW	10/15 W	10/14 W	8/13 W	10/16 W
300	12/16 SW	10/14 SW	9/14 SW	7/13 W	7/11 W	5/11 W	7/11 W
Valley	8/14 SW	7/14 SW	7/14 W	5/12 SW	6/12 W	5/12 NW	4/9 W

Height (m)	Temperature / Feels Like (°C)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	11/8	12/9	13/11	13/11	13/11	12/10	10/8
300	13/11	14/12	15/14	16/15	16/15	14/14	12/11
Valley	13/12	14/13	16/15	16/16	17/16	14/13	12/12
Freezing Level*	2500m	2500m	2500m	2600m	2600m	2500m	2400m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Nothing to add.

Recent rainfall: measured at Cat & Fiddle: altitude 511m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
02:00 on Wed 07 Jul 2021	20.2mm	29.4mm	47mm

Forecast for Thursday 08 Jul 2021

Weather: A drier and brighter day on the whole, with fewer, lighter showers around when compared with earlier in the week. Perhaps some cloud above the height of the peaks through the middle of the day, with the best sunny spells developing later. The UV index will be high.

Maximum wind: North-westerly 20mph soon easing.

Chance of cloud free mountain/hill tops above 600m: 30 improving to greater than 90%, with well-scattered cloud on lower slopes early on soon lifting.

Visibility: Very good.

Temperature: **Valleys:** Plus 9 becoming 19 Celsius.
At 600m: Plus 12 Celsius.
Freezing level: Well above the peaks.

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